

Find: 

Searching for **minidriver**.

Restrict to: [Header](#) [Title](#) Order by: [Expected citations](#) [Hubs](#) [Usage](#) [Date](#)Try: [Amazon](#) [B&N](#) [Google \(RI\)](#) [Google \(Web\)](#) [CSB](#) [DBLP](#)**Order: number of citations.**

No documents found.

**Suggestions:**Check spelling: [minidriver](#)Try your query at: [Amazon](#) [Barnes & Noble](#) [Google \(RI\)](#) [Google \(Web\)](#) [CSB](#)  
[DBLP](#)CiteSeer.IST - Copyright [NEC](#) and [IST](#)

Search Results: "minidriver"

Hits	Document	Modified	Location
1	C++ Volume 7 Issue 4	05/14/1999 04:23:48	\\ws05324\ArtCollection\sigs\cd010\CPLUS

Search Report: "class driver" Page 1

Search Request: "class driver"  
Retrieved 28 documents.

\\ws05324\ArtCollection\ipc.tm\DEC\openVMS\ProgrammerGuide\v61\_openvms\_io\_users\_guide.pdf (316)

## OpenVMS

### I O Users Reference Manual

#### Order

Number AA PV6SA TK March

1994 This

document contains the information necessary to interface directly with the I O device drivers supplied as part of the OpenVMS operating system

[Page 7 Paragraph 7 ]

Storage Architecture DSA Devices a 2  
15 22101  
Bad  
Block Replacement and Forced Errors for DSA Disks a 2  
16 2211  
VAXstation 2000 and MicroVAX 2000 Disk Driver a a 2 17 2212  
\* SCSI Disk Class Driver a 2 17 2213  
\* Audio Extensions to the SCSI Disk Class Driver a a a 2 18 22131  
\* QIO Interface to Audio Functionality of the SCSI Disk Class Driver  
æIX2V 2 19 22132  
Deining anf Audiong Control Block AUCB a 2 20 22133  
Error Handling in Applications Using SCSI Audio Functions a 2 23 22134  
Using CD ROM to Store Both Data and Audio Information a 2 24 22135

[Page 10 Paragraph 51 ]

AVAILABLE a a 7 6ÿ 736  
SENSECHAR a 7 6ÿ 737  
Read and Write Functions a 7 7ÿ 74  
Error Processing a 7 8ÿ 8ÿ  
\* Using the OpenVMS Generic SCSI Class Driver 81  
Overview  
of SCSI a 8  
1ÿ 82  
OpenVMS  
SCSI Class Port Architecture a 8  
2ÿ 83  
\* Overview of the OpenVMS Generic SCSI Class Driver a 8 3ÿ 84  
\* Accessing the OpenVMS Generic SCSI Class Driver a 8 4ÿ 85  
SCSI Port Features Under Application Control a a a 8 6ÿ 851  
Setting the Data Transfer Mode a a a 8 6ÿ 852  
Enabling Disconnection and Reselection a 8 7ÿ 853  
Disabling Command Retry a 8 7ÿ 854  
Setting Command Timeouts a 8 8ÿ xÿ

---

86

### Coniguring

\* a Device Using the Generic Class Driver a a 8  
8ÿ 861  
Disabling  
the Autoconiguration of a SCSI Device VAX Only f 8  
9ÿ 87  
Assigninguration  
a Channel to GKDRIVER a 8  
10 88  
\* Issuing a QIO Request to the Generic Class Driver a a a 8 10 89  
\* Generic SCSI Class Driver Device Information a 8 13 810  
\* Call a Generic SCSI Class Driver a 8 14 9

Search Results: "stream W/25 driver W/25 class"

Hits	Document	Modified	Location
6	Chapter 1, Multimedia Possibilities		05/08/1998 21:00:57
	\\ws05324\ArtCollection\cd005\Operating Systems\Windows 95\SDK		
6	Java 1.2 Unleashed	10/17/1999 23:45:14	\\ws05324\ArtCollection\Books\MCP\Java
6	jddk.fm	06/18/2002 20:21:14	\\ws05324\ArtCollection\ipc.tm\SUN\Java
3	Direct Manipulation of Temporal Structures in a Multimedia Application Framework		02/24/1998 20:25:04
	\\ws05324\ArtCollection\acm\MultiMedia\1994		
3	Multithreaded Programming Guide		09/23/1997 01:30:20
	\\ws05324\ArtCollection\ipc.tm\SUN\THREADS		
3	Multithreaded Programming Guide		09/23/1997 01:30:20
	\\ws05324\ArtCollection\ipc.tm\SUN\THREADS		

[Microsoft.com Home](#)[Site Map](#)[MSDN Home](#)[Developer Centers](#)[Library](#)[Downloads](#)[Code Center](#)[Subscriptions](#)[MSD](#)☐ Search within Technical Resources

## Search Results from MSDN

for **minidriver** in the **Technical Resources** category

### Technical Resources

SDKs, resource kits, reference libraries, script centers, white papers, technical articles, product documentation...

Results 21 - 40

#### Initializing and Calling IDE Minidriver Routines

> > > > > Storage Devices: Windows DDK Initializing and Calling IDE Minidriver Routines All IDE controller minidrivers must provide a series of standard routines that implement hardware-specific  
[http://msdn.microsoft.com/library/en-us/storage/hh/storage/ide\\_minikg\\_8jea.asp](http://msdn.microsoft.com/library/en-us/storage/hh/storage/ide_minikg_8jea.asp)

#### DriverEntry of IDE Controller Minidriver

> > > > > Storage Devices: Windows DDK DriverEntry of IDE Controller Minidriver [This is preliminary documentation and subject to change.] DriverEntry initializes the minidriver.  
[http://msdn.microsoft.com/library/en-us/storage/hh/storage/ide\\_minikr\\_014i.asp](http://msdn.microsoft.com/library/en-us/storage/hh/storage/ide_minikr_014i.asp)

#### Class Driver and Minidriver Definitions (Streaming Devices (Video and Audio): Windows DDK)

A Microsoft-provided class driver is an intermediate driver designed to provide a simple interface between a vendor-written minidriver and the operating system.  
[http://msdn.microsoft.com/library/en-us/stream/hh/stream/strmini-design\\_1mef.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/strmini-design_1mef.asp)

#### Microsoft Minidriver Development Tool

> > > > > Display and Print Devices: Windows DDK Microsoft Minidriver Development Tool The Microsoft Minidriver Development Tool (Microsoft MDT), which is included with this DDK as  
[http://msdn.microsoft.com/library/en-us/graphics/hh/graphics/nt5gpd\\_9uav.asp](http://msdn.microsoft.com/library/en-us/graphics/hh/graphics/nt5gpd_9uav.asp)

#### Binding the Operation of the HID Class Driver to a HID Minidriver

> > > > > Interactive Input Devices: Windows DDK Binding the Operation of the HID Class Driver to a HID Minidriver A HID minidriver binds its operation to the HID class driver by  
[http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/hidclass\\_2qzr.asp](http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/hidclass_2qzr.asp)

#### How the WIA Minidriver Receives a Disconnect Event from the WIA Service

> > > > > Still Image Devices: Windows DDK How the WIA Minidriver Receives a Disconnect Event from the WIA Service When a device is  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_basic\\_2k3\\_2e95.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_basic_2k3_2e95.asp)

#### UPS Minidriver Functionality

> > > > > Battery Devices: Windows DDK UPS Minidriver Functionality A UPS minidriver must export the following set of functions, which are called by the system-supplied UPS service: Additionally, the minidriver  
[http://msdn.microsoft.com/library/en-us/battery/hh/battery/ups\\_mini\\_0giv.asp](http://msdn.microsoft.com/library/en-us/battery/hh/battery/ups_mini_0giv.asp)

#### HID Minidriver Unload Routine

> > > > > Interactive Input Devices: Windows DDK HID Minidriver Unload Routine The routine of the HID class driver calls the HID minidriver Unload routine. A HID

1

2

3

### Protect your PC

3 steps to help ensure your  
PC is protected

### Results From Other Categories

- Technical Resources
- Support & Troubleshooting
- Downloads
- [Communities & Newsgroups](#)
- Training & Books
- Partner & Business Resources
- Product Information
- Microsoft News & Corporate Information

[http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/hidclass\\_2sdj.asp](http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/hidclass_2sdj.asp)

#### **Minidriver Requirements (Windows 98/Me: Windows DDK)**

There are no requirements for naming a mouse minidriver, and there are no services that a minidriver must provide to other VxDs in the system.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mouse\\_9ywl.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mouse_9ywl.asp)

#### **Minidriver Version Number (Windows 98/Me: Windows DDK)**

The Minor box contains the version number of the minidriver. This value can be any integer between 0 and 255.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mstunits\\_15iq.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mstunits_15iq.asp)

#### **Calling Order for Minidriver Functions**

> > > > > > > Still Image Devices: Windows DDK Calling Order for Minidriver Functions When a minidriver is started, it calls some of the older STI entry

[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_basic\\_2k3\\_7pyh.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_basic_2k3_7pyh.asp)

#### **Adding UI to a WIA Minidriver**

> > > > > > Still Image Devices: Windows DDK Adding UI to a WIA Minidriver Adding extended UI or replacing UI components for a WIA minidriver can be done by installing a separate DLL

[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_cus\\_2k3\\_51nt.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_cus_2k3_51nt.asp)

#### **Introducing Threats to a BDA Minidriver (Streaming Devices (Video and Audio): Windows DDK)**

The following paths can possibly introduce BDA minidriver threats: Signal transport stream. Special-purpose IOCTLs.

[http://msdn.microsoft.com/library/en-us/stream/hh/stream/bdadg\\_0h7r.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/bdadg_0h7r.asp)

#### **Securing a BDA Minidriver (Streaming Devices (Video and Audio): Windows DDK)**

A BDA minidriver should be implemented with security in mind to prevent malicious code from being introduced into the operating system.

[http://msdn.microsoft.com/library/en-us/stream/hh/stream/bdadg\\_5eef.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/bdadg_5eef.asp)

#### **Minidriver Entry Points (Streaming Devices (Video and Audio): Windows DDK)**

The camera minidriver defines all its entry points in a USBCAMD\_DEVICE\_DATA2 structure. The USBCAMD\_DEVICE\_DATA structure is supported in USBCAMD version 2.

[http://msdn.microsoft.com/library/en-us/stream/hh/stream/usbcamdds\\_9kx3.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/usbcamdds_9kx3.asp)

#### **USB Camera Minidriver Interface Reference (Windows 98/Me: Windows DDK)**

This documentation is written for developers of the Universal Serial Bus drivers for Microsoft® Windows® 98, and Windows® 2000. The USB Camera Driver is described in this documentation and is customized for Windows® 98 applications.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/usbcamd\\_08x1.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/usbcamd_08x1.asp)

#### **Step 1: Minidriver Initialization (Windows 98/Me: Windows DDK)**

There are three stages of minidriver initialization: When the minidriver is first loaded into memory by the kernel. When GDI calls Enable to get the GDIINFO table.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/display\\_1cj5.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/display_1cj5.asp)

#### **Sample UPS Minidriver**

> > > > > Battery Devices: Windows DDK Sample UPS Minidriver A sample UPS minidriver is provided in the installed DDK's \src\general subdirectory. The sample contains code and comments to assist you in developing a UPS

[http://msdn.microsoft.com/library/en-us/battery/hh/battery/ups\\_mini\\_5y93.asp](http://msdn.microsoft.com/library/en-us/battery/hh/battery/ups_mini_5y93.asp)

#### **AVStream Minidriver Routines (Streaming Devices (Video and Audio): Windows DDK)**

This section contains reference pages for minidriver-supplied AVStream minidriver routines. This material is relevant only for Windows XP and DirectX 8.0 releases and later.

[http://msdn.microsoft.com/library/en-us/stream/hh/stream/avstclbk\\_8myb.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/avstclbk_8myb.asp)

#### **Stream Minidriver Routines (Streaming Devices (Video and Audio): Windows DDK)**

The following are routines that a stream minidriver provides. The stream class driver calls these routines to handle minidriver-specific actions.

[http://msdn.microsoft.com/library/en-us/stream/hh/stream/strmini-routines\\_1kc3.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/strmini-routines_1kc3.asp)

[<< Previous](#) | [Next >>](#)

[Microsoft.com Home](#)[Site Map](#)[MSDN Home](#)[Developer Centers](#)[Library](#)[Downloads](#)[Code Center](#)[Subscriptions](#)[MSD](#)☐ Search within Technical Resources

## Search Results from MSDN

for **minidriver** in the **Technical Resources** category

### Technical Resources

SDKs, resource kits, reference libraries, script centers, white papers, technical articles, product documentation...

Results 41 - 60

#### **Appendix A Minidriver Callback Functions (Windows 98/Me: Windows DDK)**

This appendix describes minidriver callback functions. A callback is a function supplied by a minidriver developer that the Microsoft Windows Universal Printer Driver calls at a particular point in time.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/callback\\_8ttf.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/callback_8ttf.asp)

#### **Mouse Minidriver (Windows 98/Me: Windows DDK)**

A mouse minidriver is a VxD that handles interrupts from the mouse hardware, converts them into mouse-event messages, and posts the messages to VMOUSE.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mouse\\_9ynk.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mouse_9ynk.asp)

#### **IDE Controller Minidriver Routines (System Support for Buses: Windows DDK)**

[This is preliminary documentation and subject to change.] This section describes the routines that must be supplied by an IDE controller minidriver.

[http://msdn.microsoft.com/library/en-us/buses/hh/buses/ide\\_minikr\\_0ur6.asp](http://msdn.microsoft.com/library/en-us/buses/hh/buses/ide_minikr_0ur6.asp)

#### **Installing a Unidrv Minidriver**

> > > > > Display and Print Devices: Windows DDK Installing a Unidrv Minidriver Installation of a Unidrv minidriver requires a that identifies the minidriver's files. If a printer model is not

[http://msdn.microsoft.com/library/en-us/graphics/hh/graphics/nt5gpd\\_3b1j.asp](http://msdn.microsoft.com/library/en-us/graphics/hh/graphics/nt5gpd_3b1j.asp)

#### **Installing a Pscript Minidriver**

> > > > > > Display and Print Devices: Windows DDK Installing a Pscript Minidriver Installation of a Pscript minidriver requires a that identifies the minidriver's files. If a printer

[http://msdn.microsoft.com/library/en-us/graphics/hh/graphics/pscript\\_12nb.asp](http://msdn.microsoft.com/library/en-us/graphics/hh/graphics/pscript_12nb.asp)

#### **WIA Camera Minidriver**

> > > > > > Still Image Devices: Windows DDK WIA Camera Minidriver A minidriver is a full WIA minidriver as discussed in . This section covers the following topics Built on Monday,

[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_cam\\_2k3\\_0ey1.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_cam_2k3_0ey1.asp)

#### **IDE Controller Minidriver Routines**

> > > > > > Storage Devices: Windows DDK IDE Controller Minidriver Routines [This is preliminary documentation and subject to change.] This section describes the routines that must be supplied by an IDE

[http://msdn.microsoft.com/library/en-us/storage/hh/storage/ide\\_minikr\\_0ur6.asp](http://msdn.microsoft.com/library/en-us/storage/hh/storage/ide_minikr_0ur6.asp)

#### **Display Minidriver Components (Windows 98/Me: Windows DDK)**

The Windows display driver interface (DDI) consists of the following major components.

[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/display\\_1cab.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/display_1cab.asp)

#### **Display Minidriver Guidelines (Windows 98/Me: Windows DDK)**

1

2

3

### Protect your PC

3 steps to help ensure your  
PC is protected

### Results From Other Categories

- Technical Resources
- Support & Troubleshooting
- Downloads
- [Communities & Newsgroups](#)
- Training & Books
- Partner & Business Resources
- Product Information
- Microsoft News & Corporate Information

If you have created display drivers for earlier versions of Windows, you may prefer to start over again to take advantage of the display minidriver architecture. Your new minidriver will be much smaller and easier to write.  
[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/display\\_1cj4.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/display_1cj4.asp)

#### **Specifying Master Units and Minidriver Data (Windows 98/Me: Windows DDK)**

Most printers support commands with a variety of resolutions.  
[http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mstunits\\_8orl.asp](http://msdn.microsoft.com/library/en-us/w98ddk/hh/w98ddk/mstunits_8orl.asp)

#### **Minidriver-Supplied Callbacks**

> > > > > Interactive Input Devices: Windows DDK Minidriver-Supplied Callbacks Joystick hardware that is not polled or that has nonstandard polling requirements can implement a minidriver (which must be  
[http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/di\\_6jc9.asp](http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/di_6jc9.asp)

#### **Initializing the WIA Minidriver**

> > > > > > Still Image Devices: Windows DDK Initializing the WIA Minidriver The first step in implementing the is to initialize the minidriver and create a hierarchical  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_basic\\_2k3\\_48bt.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_basic_2k3_48bt.asp)

#### **Designing a USBCAMD Minidriver (Streaming Devices (Video and Audio): Windows DDK)**

The following topics describe the implementation and operation of a camera minidriver that is a client of USBCAMD.  
[http://msdn.microsoft.com/library/en-us/stream/hh/stream/usbcmds\\_6pt3.asp](http://msdn.microsoft.com/library/en-us/stream/hh/stream/usbcmds_6pt3.asp)

#### **IDE Controller Library and Minidriver Routines (System Support for Buses: Windows DDK)**

[This is preliminary documentation and subject to change.] All integrated drive electronics (IDE) controller drivers must implement a series of standard routines that implement hardware-specific functionality.  
[http://msdn.microsoft.com/library/en-us/buses/hh/buses/ide\\_minikr\\_0jsi.asp](http://msdn.microsoft.com/library/en-us/buses/hh/buses/ide_minikr_0jsi.asp)

#### **HID Minidriver IOCTLs**

> > > > > Interactive Input Devices: Windows DDK HID Minidriver IOCTLs This section describes the that a must support. Only the sends these IOCTLs to a HID minidriver. User-mode applications and other kernel-mode  
[http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/hidireq\\_1bci.asp](http://msdn.microsoft.com/library/en-us/intinput/hh/intinput/hidireq_1bci.asp)

#### **WIA Minidriver Interfaces**

> > > > > > Still Image Devices: Windows DDK WIA Minidriver Interfaces As previously mentioned, the WIA minidriver is a COM object that implements the standard IUnknown COM interface  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_arch\\_2k3\\_73xl.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_arch_2k3_73xl.asp)

#### **Creating a WIA Minidriver**

> > > > > > Still Image Devices: Windows DDK Creating a WIA Minidriver A WIA minidriver should be able to do the following: The following sections describe how a WIA minidriver performs  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_basic\\_2k3\\_4qsp.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_basic_2k3_4qsp.asp)

#### **Reporting WIA Minidriver Status**

> > > > > > > Still Image Devices: Windows DDK Reporting WIA Minidriver Status This section contains the following topics: Built on Monday, October 06,  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_drv\\_basic\\_2k3\\_83op.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_drv_basic_2k3_83op.asp)

#### **Camera Minidriver Sample**

> > > > > > Still Image Devices: Windows DDK Camera Minidriver Sample The wiacam directory contains a sample WIA minidriver for a digital still camera This sample shows how to write a  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_gs\\_2k3\\_03op.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_gs_2k3_03op.asp)

#### **Flatbed Scanner Minidriver Sample**

> > > > > > Still Image Devices: Windows DDK Flatbed Scanner Minidriver Sample The wiascanr directory contains a sample WIA minidriver for a flatbed scanner with a document feeder. This  
[http://msdn.microsoft.com/library/en-us/still/hh/still/wia\\_gs\\_2k3\\_00mh.asp](http://msdn.microsoft.com/library/en-us/still/hh/still/wia_gs_2k3_00mh.asp)

[<< Previous](#) | [Next >>](#)

**Search Microsoft.com for**



<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
2	14	Parry-William-G.in.	USPAT; US-PGPUB	2004/04/14 10:06
5	12	(minidriver or mini-driver) same (class adj driver)	USPAT; US-PGPUB	2004/04/14 14:50
4	10	Parry-William-G.in. and (minidriver or mini-driver or driver)	USPAT; US-PGPUB	2004/04/14 13:36
3	1	Parry-William-G.in. and (minidriver or mini-driver)	USPAT; US-PGPUB	2004/04/14 13:49
1	17	(minidriver or mini-driver) same stream\$	USPAT; US-PGPUB	2004/04/14 14:47
6	10	("5319751"   "5404494"   "5497500"   "5604843"   "5627998"   "5724272"   "5752032"   "5764546"   "5784275"   "5847953").PN.	USPAT	2004/04/14 14:10
7	105014	"10" and initiali\$	USPAT	2004/04/14 14:10
8	8	((("5319751"   "5404494"   "5497500"   "5604843"   "5627998"   "5724272"   "5752032"   "5764546"   "5784275"   "5847953").PN.) and initiali\$	USPAT	2004/04/14 14:11
9	12	(minidriver or mini-driver or stub) same (class adj driver)	USPAT; US-PGPUB	2004/04/14 14:39
10	574	(minidriver or mini-driver or stub) same stream\$	USPAT; US-PGPUB	2004/04/14 14:49
11	32	(minidriver or mini-driver or stub) same stream\$ same class	USPAT; US-PGPUB	2004/04/14 14:53
12	9	(minidriver or mini-driver or stub) same stream\$ same class same driver	USPAT; US-PGPUB	2004/04/14 14:40
13	8	(minidriver or mini-driver or stub) same stream\$ same class same initial\$	USPAT; US-PGPUB	2004/04/14 14:45
14	5	(minidriver or mini-driver) same power	USPAT; US-PGPUB	2004/04/14 14:47
15	1	(minidriver or mini-driver) same stream\$ same initial\$	USPAT; US-PGPUB	2004/04/14 14:50
16	90	(minidriver or mini-driver or stub) same stream\$	EPO; JPO; DERWENT; IBM_TDB	2004/04/14 14:52
17	1	(minidriver or mini-driver) same (class adj driver)	EPO; JPO; DERWENT; IBM_TDB	2004/04/14 14:50
18	1	(minidriver or mini-driver) same stream\$ same initial\$	EPO; JPO; DERWENT; IBM_TDB	2004/04/14 14:57
19	1	(minidriver or mini-driver or stub) same stream\$ same class	EPO; JPO; DERWENT; IBM_TDB	2004/04/14 14:51
20	4	(minidriver or mini-driver or stub) same stream\$ same (DLL or power)	EPO; JPO; DERWENT; IBM_TDB	2004/04/14 14:53
21	1	(minidriver or mini-driver or stub) same stream\$ same DLL	USPAT; US-PGPUB	2004/04/14 14:54

22	2	(minidriver or mini-driver or stub) same stream\$ same (DLL or (dynamic\$ adj link\$ adj library))	USPAT; US-PGPUB	2004/04/14 14:54
23	1	(minidriver or mini-driver) same stream\$ same (initial\$ or regist\$)	EPO; JPO; DERWENT; IBM_TDB	2004/04/14 14:59
24	1	(minidriver or mini-driver) same stream\$ same (initial\$ or regist\$)	USPAT; US-PGPUB	2004/04/14 14:59
-	15	minidriver same stream	USPAT; US-PGPUB	2004/04/14 10:04
-	4008	719/\$.cccls.	USPAT; US-PGPUB	2004/03/26 10:57
-	0	(6665020.PN. and (5787259.URPN.)) and 6643728.PN.	USPAT; US-PGPUB	2004/03/26 10:57
-	51	minidriver	USPAT; US-PGPUB	2004/03/26 10:57
-	14	("5586304"   "5664195"   "5715463"   "5764992"   "5802365"   "5870610"   "5892928"   "5892953"   "5910180"   "6006034"   "6009274"   "6023585"   "6167567"   "6378006").PN.	USPAT	2004/03/26 11:04
-	6	("5485617"   "5890078"   "5964843"   "6052632"   "6236909"   "6263262").PN.	USPAT	2004/03/26 11:11

[Subscribe \(Full Service\)](#) [Register \(Limited Service\)](#)Search: ☒ The ACM Digital Library ☐ The Guide [Feedback](#) [Report a problem](#)Term used minidriverSort results by  [Save results to a Binder](#)[Try an Advanced Search](#)[Try this search](#)Display  
results [Search Tips](#)☐ Open results in a new window

Results 1 - 1 of 1

**1 [Computer head control software to compensate for neck movement limitations](#)**

Edmund LoPresti, David M. Brienza, Jennifer Angelo

November 2000

**[Proceedings on the 2000 conference on Universal Usability](#)**Full text available: [pdf\(221.97 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[index terms](#)

Computer head controls provide an alternative means of computer access for people with physical disabilities. However, a person's ability to use head controls may be reduced if his or her disability involves neck movement limitations. Software was developed which incorporates five methods to compensate for a user's neck movement limitation. This software will be used to evaluate and compare different methods in order to determine their effectiveness in helping people operate a computer using head controls.

**Keywords:** disability, gesture input, head controls, head movement

Results 1 - 1 of 1

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service\)](#)
**Search:** ☒ The ACM Digital Library ☐ The Guide

[Feedback](#) [Report a problem](#)
**Terms used** class driver

Sort results by 
[Save results to a Binder](#)
[Try an Advanced Search](#)

Display results

[Search Tips](#)
[Try this search](#)
☐ Open results in a new window

Results 1 - 18 of 18

### 1 VAXcluster: a closely-coupled distributed system

Nancy P. Kronenberg, Henry M. Levy, William D. Strecker

May 1986 **ACM Transactions on Computer Systems (TOCS)**, Volume 4 Issue 1

Full text available: [pdf\(1.25 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A VAXcluster is a highly available and extensible configuration of VAX computers in a single system. To achieve performance in a multicomputer environment, a new computer architecture, communications hardware, and distributed software were jointly developed. A distributed version of the VAX/VMS operating system that uses a distributed lock manager to synchronize access to shared resources. The communications hardware include second message ...


### 2 Technical papers: testing II: A framework for component deployment testing

Antonia Bertolino, Andrea Polini

May 2003 **Proceedings of the 25th international conference on Software Engineering**


Full text available: [pdf\(1.34 MB\)](#) [Publisher Site](#) Additional Information: [full citation](#), [reference](#)

Component-based development is the emerging paradigm in software production. However, the challenges still slow down its full taking up. In particular, the "component trust problem": adequate guarantees and documentation about a component's behaviour can be provided by the component developer to its potential users. The capability to test a component within its target application environment can help establish the compliance of a candidate ...

- 3 Atlas: a case study in building a web-based learning environment using aspect-o  
Mik Kersten, Gail C. Murphy  
October 1999 **ACM SIGPLAN Notices , Proceedings of the 14th ACM SIGPL**  
**Object-oriented programming, systems, languages, and appl**  
Full text available:  [pdf\(2.30 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)


The Advanced Teaching and Learning Academic Server (Atlas) is a software sys web-based learning. Students can register for courses, and can navigate through course material. Atlas has been built according to Sun Microsystem's Java&trade; using Xerox PARC's aspect-oriented programming support called Aspect&trade; programming is still in its infancy, little experience with employing this paradigm i

**Keywords:** aspect-oriented programming, distributed systems, software enginee web-based applications

- 4 An approach to specifying software frameworks  
Leesa Murray, David Carrington, Paul Strooper  
January 2004 **Proceedings of the 27th conference on Australasian compute**  
Full text available:  [pdf\(94.91 KB\)](#) Additional Information: [full citation](#), [abs](#)

A framework is a reusable design that requires software components to function. framework, a software engineer must provide the software components required do this effectively, the framework-component interfaces must be specified so the knows what assumptions the framework makes about the components, and so th verified against these assumptions. This paper presents an approach to specifyi The appro ...

**Keywords:** software frameworks, specification

- 5 Understanding object-oriented: a unifying paradigm  
Tim Korson, John D. McGregor  
September 1990 **Communications of the ACM**, Volume 33 Issue 9  
Full text available:  [pdf\(2.30 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#), [review](#)

The need to develop and maintain large complex software systems in a competit environment has driven interest in new approaches to software design and devel with the classical waterfall model have been cataloged in almost every software ( In response, alternative models such as the spiral [2], and fountain [9] have beer with traditional development using the classical life cycle include no iteration, no

6 On automated checking of Java applets

Scott Dexter

April 2000 **The Journal of Computing in Small Colleges , Proceedings of the northeastern conference on The journal of computing in small c**

Full text available:  [pdf\(51.85 KB\)](#) Additional Information: [full citation](#), [referenc](#)

7 Design for testability in object-oriented systems

Robert V. Binder

September 1994

**Communications of the ACM**, Volume 37 Issue 9

Full text available:  [pdf\(17.44 MB\)](#) Additional Information: [full citation](#), [referenc](#)

8 Special issue on the fusion of domain knowledge with data for decision support: knowledge with data for structural learning in object oriented domains

Helge Langseth, Thomas D. Nielsen

December 2003

**The Journal of Machine Learning Research**, Volume 4

Full text available:  [pdf\(227.18 KB\)](#) Additional Information: [full citatic](#)


When constructing a Bayesian network, it can be advantageous to employ struct to combine knowledge captured in databases with prior information provided by ( Unfortunately, conventional learning algorithms do not easily incorporate prior inf information is too vague to be encoded as properties that are local to families of conventional algorithms do not exploit prior information about repetitive structure

9 Driving me nuts: device classes

Greg Kroah-Hartman

August 2003

**Linux Journal**, Volume 2003 Issue 112

Full text available:  [html\(22.55 KB\)](#) Additional Information: [full citation](#)

## 10 Testing the C set++ collection class library

Daniel Hoffman, Xianhong Fang

October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Collaborative research**


Full text available:  [pdf\(208.66 KB\)](#) Additional Information: [full citation](#), [abstract terms](#)

In contrast to the explosion of activity in object-oriented design and programming, little attention has been given to object testing. In our approach, a driver class and an oracle class : class-under-test (CUT). The driver class is based on a *testgraph* that partially models the target machine, but with vastly fewer states and transitions. The oracle class provides the same operations as the CUT, but supports only the testgraph states and transition ...

## 11 From symptom to cause: localizing errors in counterexample traces

Thomas Ball, Mayur Naik, Sriram K. Rajamani

January 2003 **ACM SIGPLAN Notices , Proceedings of the 30th ACM SIGPLAN symposium on Principles of programming languages**, Volume 38

Full text available:  [pdf\(208.52 KB\)](#) Additional Information: [full citation](#), [abstract terms](#)

There is significant room for improving users' experiences with model checking. The error traces produced by a model checker can be lengthy and is indicative of a *symptom* of a problem. Users can spend considerable time examining an error trace in order to understand the cause of the error. Moreover, even state-of-the-art model checkers provide an experience akin to that of parsers before syntactic error recovery was invented: they report a single error trace.

**Keywords:** debugging, software model checking

## 12 Technical papers: software testing: The impact of test suite granularity on the cost of regression testing

Gregg Rothmel, Sebastian Elbaum, Alexey Malishevsky, Praveen Kallakuri, Brachman Shargal  
May 2002 **Proceedings of the 24th international conference on Software Engineering**

Full text available:  [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [abstract](#), [terms](#)

Regression testing is an expensive testing process used to validate software. The cost-effectiveness of regression testing techniques varies with characteristics of the software. A characteristic, test suite granularity, involves the way in which test inputs are grouped within a test suite. Various cost-benefits tradeoffs have been attributed to choice of test suite granularity, but almost no research has formally examined these tradeoffs. To address this, we have conducted a controlled experiment to measure the cost-effectiveness of regression testing techniques as a function of test suite granularity. Our results show that the cost-effectiveness of regression testing techniques varies with test suite granularity. Specifically, the cost-effectiveness of regression testing techniques is higher for test suites with higher granularity. This suggests that test suite granularity is an important factor in the design of regression testing techniques. To address this, we have developed a new regression testing technique, called *Test Suite Granularity*, which is designed to be more cost-effective than existing techniques. Our results show that *Test Suite Granularity* is more cost-effective than existing techniques, and that its cost-effectiveness is higher for test suites with higher granularity. This suggests that test suite granularity is an important factor in the design of regression testing techniques.

**13 Reasoning with worlds and truth maintenance in a knowledge-based programming**

Robert Filman

April 1988

**Communications of the ACM**, Volume 31 Issue 4Full text available:  [pdf\(1.80 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#), [review](#)

In traditional knowledge-based system development environments, the fundamental building blocks are mechanisms such as frames, rules, and attached procedures. These have been extended to include both a context (worlds) system and a truth maintenance

**14 A scalable architecture for multi-threaded JAVA applications**

M. Mrva, K. Buchenrieder, R. Kress

February 1998

**Proceedings of the conference on Design, automation**Full text available:  [pdf\(117.76 KB\)](#)  Additional Information: [full citation](#), [citations](#), [index terms](#), [Publisher Site](#)

The paper presents a scalable architecture for multi-threaded Java applications. It models concurrent behavior in a more or less natural way. Thus threads give multi-processor machines. The proposed architecture consists of multiple application elements, each able to execute a single thread at one time. The architecture is implementing a portable and scalable Java machine onto an FPGA board for design

**Keywords:** Java, application-specific, configurable, multi-threaded**15 Broad-spectrum studies of log file analysis**

James H. Andrews, Yingjun Zhang

June 2000

**Proceedings of the 22nd international conference on Software**Full text available:  [pdf\(220.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper reports on research into applying the technique of log file analysis for a broad range of testing and other tasks. The studies undertaken included applying both unit- and system-level testing and to requirements of both safety-critical applications and the use of log file analysis in combination with other testing methods. The paper presents a technique of using log file analyzers to simulate the software under test ...



**Keywords:** lightweight formal methods, safety verification, specification, test oracles



**16 Active virtual network management protocol**

Stephen F. Bush

May 1999

**Proceedings of the thirteenth workshop on Parallel and distrib**Full text available:  [pdf\(721.06 KB\)](#) Additional Information: [full citatic](#)[Publisher Site](#)[index term](#)

This paper introduces a novel algorithm, the Active Virtual Network Management network management. It explains how the Active Virtual Network Management P management of an active network by allowing future predicted state information to be available to network management algorithms. This is accomplished by coupling optimistic discrete event simulation with active networking. The optimistic discret

**Keywords:** Active Networks, Network Management, Self-Prediction, Optimistic E Simulation

**17 Ownership types for flexible alias protection**

David G. Clarke, John M. Potter, James Noble

October 1998

**ACM SIGPLAN Notices , Proceedings of the 13th ACM SIGPL****Object-oriented programming, systems, languages, and appl**Full text available:  [pdf\(1.99 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Object-oriented programming languages allow inter-object aliasing. Although new linked data structures and networks of interacting objects, aliasing is problematic object's state can change via an alias to one of its components, without the aggregation any aliasing. *Ownership types* form a static type system that indicates object own flexible mechanism to limit the visibility of object references and restrict access ..

**Keywords:** alias protection, containment, ownership, programming language design exposure, sharing

**18 A new flexible VHDL simulator**

Arlet Ottens, Henk Corporaal, Wilco van Hoogstraeten

September 1994

**Proceedings of the conference on European design auto**Full text available:  [pdf\(541.27 KB\)](#) Additional Information: [full citation](#), [referen](#)

Results 1 - 18 of 18

The ACM Portal is published by the Association for Computing Machinery. [Copy](#)  
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Pl](#)



Web Images Groups News Froogle [New!](#) [more »](#)  
  [Advanced Groups Search](#)  
[Preferences](#)

## Groups

Results 1 - 10 of about 98 for "[stream minidriver](#)". (0.27 seconds)

[Sorted by relevance](#) [Sort by date](#)

Related groups: [comp.os.ms-windows.programmer.nt.kernel-mode](#)  
[microsoft.public.development.device.drivers](#)

### Problem with Stream Minidriver

... links. Anyone tried loading a filter driver below a **stream minidriver**, or can think f any reason why it shouldn't be possible? Is ...

[comp.os.ms-windows.programmer.nt.kernel-mode](#) - Mar 12, 1999 by ianstevenson@my-dejanews.com - [View Thread \(1 article\)](#)

### Re: Help me:WDM stream minidriver question.

... Ideas, anyone? -Jag Dear friend: I am now writing a WDM **stream minidriver** for USB digital camera. This camera supports the following output sizes:480X480,240X240 ...

[comp.os.ms-windows.programmer.nt.kernel-mode](#) - Aug 29, 1999 by jagthecat@my-deja.com - [View Thread \(6 articles\)](#)

### How to access a WDM stream minidriver's custom event through ...

Dear Friend: My WDM **stream minidriver** should notify a DirectShow application when something happen.But how can I notify it?The DDK document tells me that I can ...

[comp.os.ms-windows.programmer.nt.kernel-mode](#) - Aug 30, 1999 by Xu Hui - [View Thread \(1 article\)](#)

### Help: I want to change 'Stream Minidriver' to Windows CE driver.

I have a '**Stream Minidriver**' and a 'DirectShow Filter' for Window

2000. I want to change these driver to Windows CE driver. I can ...

[microsoft.public.win32.programmer.wince](#) - Jan 17, 2002 by Sun-Moon - [View Thread \(1 article\)](#)

### How to install of a custom event of WDM stream minidriver's for ...

Dear Friend: My WDM **stream minidriver** (video capture) should notify a

DirectShow application when something happen. I do the following ...

[comp.os.ms-windows.programmer.drivers](#) - Feb 11, 2003 by garry - [View Thread \(1 article\)](#)

### Re: WMI support for Stream minidriver

My problem is a follow. I want to implement custom stream format. And

I want to provide a custom interface to control steam format ...

[microsoft.public.development.device.drivers](#) - Jul 3, 2003 by Andrey - [View Thread \(9 articles\)](#)

### **WDM stream minidriver**

Finally, the kernel mode is attractive. Can somebody give me advice to develop

[WDM stream minidriver](#) ? Shall I go DriverStudio from Numega ? Etc etc... ..

[microsoft.public.multimedia.directx.dshow.programming](#) - Mar 20, 2000 by Sylvain Bertrand - [View Thread \(4 articles\)](#)

### **Re: stream minidriver**

... - Andrey Can [stream minidriver](#) control non video stream, I read documentation

and microsoft samples, but I found only video stream samples. ...

[microsoft.public.development.device.drivers](#) - Oct 13, 2003 by Max Paklin - [View Thread \(8 articles\)](#)

### **Stream minidriver**

Hello, All. I am working on minidriver for the capture device. During

SRB\_INITIALIZATION\_COMPLETE I need to check some hardware ...

[comp.os.ms-windows.programmer.nt.kernel-mode](#) - Aug 22, 2002 by Andrey - [View Thread \(1 article\)](#)

### **Using the DeviceIoControl command with Bt878 WDM driver**

... hHandle = CreateFile(GUID of the tuner device, .... DeviceIoControl(hHandle,

IOCTL\_INTERFACE, .... My tuner [stream minidriver](#)(tuner.sys) use ...

[comp.os.ms-windows.programmer.nt.kernel-mode](#) - Sep 24, 2000 by Kang Kyung Wan - [View Thread \(1 article\)](#)

Gooogle ►

Result Page: 1 2 3 4 5 [Next](#)

[Groups Help](#)

---

[Google Home](#) - [Advertising Products](#) - [Business Solutions](#) - [About Google](#)

©2004 Google